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**IN THE CLAIMS**

Make no amendments to the claims.

1. (Original) An interconnect comprising:  
an anisotropic conductive film; and  
an optically transmissive unit embedded in the anisotropic conductive film, the  
optically transmissive unit providing an optically transmissive path through the  
anisotropic conductive film.
2. (Original) The interconnect of claim 1, wherein the anisotropic conductive film  
comprises an adhesive, anisotropic conductive film.
3. (Original) The interconnect of claim 2, wherein the adhesive, anisotropic  
conductive film comprises an epoxy and a plurality of conductive particles embedded in  
the epoxy.
4. (Original) The interconnect of claim 3, wherein the optically transmissive unit  
optically couples each of a plurality of optical transmitters to one or more optical  
receivers.
5. (Original) The interconnect of claim 1, wherein the optically transmissive unit  
optically couples each of a plurality of optical transmitters to one or more optical  
receivers.
6. (Original) The interconnect of claim 5, wherein the optically transmissive unit  
has a transmission area that is substantially rectangular.

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7. (Original) The interconnect of claim 5, wherein the anisotropic conductive film comprises an adhesive, anisotropic conductive film.

8. (Original) The interconnect of claim 1, wherein the optically transmissive unit comprises an optical polymer.

9. (Original) The interconnect of claim 8, wherein the optical polymer comprises an acrylic acrylate.

10. (Original) The interconnect of claim 9, wherein the optically transmissive unit comprises a substantially cylindrical optically transmissive material.

11. - 23. (Canceled)